



## Complete Summary

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### TITLE

Ambulatory surgery: percentage of ambulatory surgery center (ASC) admissions with surgical site hair removal with clippers or depilatory cream.

### SOURCE(S)

ASC Quality Collaboration. ASC quality measures: implementation guide. Version 1.2. Ambulatory Surgery Center; 2008 Apr. 18 p.

## Measure Domain

### PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

### SECONDARY MEASURE DOMAIN

Does not apply to this measure

## Brief Abstract

### DESCRIPTION

This measure is used to assess the percentage of Ambulatory Surgery Center (ASC) admissions (patients) who have appropriate surgical site hair removal.

### RATIONALE

Razors can cause microscopic cuts and nicks to the skin, not visible to the eye. Use of razors prior to surgery increases the incidence of wound infection when compared to clipping, depilatory use or no hair removal at all. (Seropian. *Am J Surg.* 1971;121:251)

The Centers for Disease Control and Prevention's (CDC's) guidelines for the prevention of surgical site infection include recommendations which specifically address preoperative hair removal practices. The CDC guidelines state that providers should not remove hair preoperatively unless the hair at or around the incision site will interfere with the operation. If hair is removed, it should be

removed immediately before the operation, and preferably with electric clippers. See the Guideline for prevention of surgical site infection, 1999. Hospital Infection Control Practices Advisory Committee. *Infect Control Hosp Epidemiol*. 1999;20:250-78.

Association of Operating Room Nurses' (AORN) standards of recommended practice are in alignment with this measure.

## **PRIMARY CLINICAL COMPONENT**

Ambulatory Surgery Center (ASC); surgical site; hair removal

## **DENOMINATOR DESCRIPTION**

All Ambulatory Surgery Center (ASC) admissions with surgical site hair removal (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

## **NUMERATOR DESCRIPTION**

Number of Ambulatory Surgery Center (ASC) admissions with surgical site hair removal with clippers or depilatory cream (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

## **Evidence Supporting the Measure**

### **EVIDENCE SUPPORTING THE CRITERION OF QUALITY**

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence
- A formal consensus procedure involving experts in relevant clinical, methodological, and organizational sciences
- One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

## **Evidence Supporting Need for the Measure**

### **NEED FOR THE MEASURE**

Unspecified

## **State of Use of the Measure**

### **STATE OF USE**

Current routine use

### **CURRENT USE**

Internal quality improvement

### Application of Measure in its Current Use

#### **CARE SETTING**

Ambulatory Care

#### **PROFESSIONALS RESPONSIBLE FOR HEALTH CARE**

Advanced Practice Nurses  
Nurses  
Physician Assistants  
Physicians

#### **LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED**

Single Health Care Delivery Organizations

#### **TARGET POPULATION AGE**

Unspecified

#### **TARGET POPULATION GENDER**

Either male or female

#### **STRATIFICATION BY VULNERABLE POPULATIONS**

Unspecified

### Characteristics of the Primary Clinical Component

#### **INCIDENCE/PREVALENCE**

Unspecified

#### **ASSOCIATION WITH VULNERABLE POPULATIONS**

Unspecified

#### **BURDEN OF ILLNESS**

Unspecified

#### **UTILIZATION**

Unspecified

## **COSTS**

Unspecified

## **Institute of Medicine National Healthcare Quality Report Categories**

### **IOM CARE NEED**

Staying Healthy

### **IOM DOMAIN**

Effectiveness

## **Data Collection for the Measure**

### **CASE FINDING**

Users of care only

### **DESCRIPTION OF CASE FINDING**

All Ambulatory Surgery Center (ASC) admissions with surgical site hair removal

### **DENOMINATOR SAMPLING FRAME**

Patients associated with provider

### **DENOMINATOR INCLUSIONS/EXCLUSIONS**

#### **Inclusions**

All Ambulatory Surgery Center (ASC) admissions with surgical site hair removal

#### **Exclusions**

ASC admissions who perform their own hair removal

### **RELATIONSHIP OF DENOMINATOR TO NUMERATOR**

All cases in the denominator are equally eligible to appear in the numerator

### **DENOMINATOR (INDEX) EVENT**

Institutionalization

### **DENOMINATOR TIME WINDOW**

Time window is a single point in time

## **NUMERATOR INCLUSIONS/EXCLUSIONS**

### **Inclusions**

All Ambulatory Surgery Center (ASC) admissions\* with surgical site hair removal with clippers or depilatory cream

\*Admission: Completion of registration upon entry into the facility.

### **Exclusions**

None

## **MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS**

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

## **NUMERATOR TIME WINDOW**

Encounter or point in time

## **DATA SOURCE**

Administrative data  
Medical record

## **LEVEL OF DETERMINATION OF QUALITY**

Individual Case

## **PRE-EXISTING INSTRUMENT USED**

Unspecified

## **Computation of the Measure**

## **SCORING**

Rate

## **INTERPRETATION OF SCORE**

Better quality is associated with a higher score

## **ALLOWANCE FOR PATIENT FACTORS**

Unspecified

## **STANDARD OF COMPARISON**

External comparison at a point in time  
External comparison of time trends  
Internal time comparison

## **Evaluation of Measure Properties**

### **EXTENT OF MEASURE TESTING**

After refining these standardized measures, the Ambulatory Surgery Center (ASC) Quality Collaboration (QC) piloted them in a sample of ASCs and was able to confirm their feasibility and usability.

On October 17, 2008, the ASC facility-level measure, Appropriate Surgical Site Hair Removal, was endorsed by the National Quality Forum (NQF) after having gone through rigorous evaluation and consensus building.

### **EVIDENCE FOR RELIABILITY/VALIDITY TESTING**

ASC Quality Collaboration. ASC quality measures: implementation guide. Version 1.2. Ambulatory Surgery Center; 2008 Apr. 18 p.

## **Identifying Information**

### **ORIGINAL TITLE**

Appropriate surgical site hair removal.

### **MEASURE COLLECTION**

[Ambulatory Surgery Center \(ASC\) Quality Measures](#)

### **DEVELOPER**

Ambulatory Surgery Center (ASC) Quality Collaboration

### **FUNDING SOURCE(S)**

Ambulatory Surgery Center (ASC) providers

### **COMPOSITION OF THE GROUP THAT DEVELOPED THE MEASURE**

Ambulatory Surgery Center (ASC) providers; nursing, physician, and provider associations; provider accrediting organizations

### **FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST**

None

**ENDORSER**

National Quality Forum

**ADAPTATION**

Measure was not adapted from another source.

**RELEASE DATE**

2008 Apr

**MEASURE STATUS**

This is the current release of the measure.

**SOURCE(S)**

ASC Quality Collaboration. ASC quality measures: implementation guide. Version 1.2. Ambulatory Surgery Center; 2008 Apr. 18 p.

**MEASURE AVAILABILITY**

The individual measure, "Appropriate Surgical Site Hair Removal," is published in "ASC Quality Measures: Implementation Guide. Version 1.2." This document is available in Portable Document Format (PDF) from the [Ambulatory Surgery Center Quality Collaboration Web site](#).

**NQMC STATUS**

This NQMC summary was completed by ECRI Institute on December 17, 2008. The information was verified by the measure developer on February 18, 2009.

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